ELECTRONIC APPARATUS AND METHOD FOR CONTROLLING DISPLAY

PRIORITY

[0001] This application claims priority under 35 U.S.C. §119(a) to Korean Patent Application Serial No. 10-2015-0106527, which was filed in the Korean Intellectual Property Office on Jul. 28, 2015, the entire content of which is incorporated herein by reference.

BACKGROUND

[0002] 1. Field of the Disclosure

[0003] The present disclosure generally relates to an electronic apparatus, and in particular, to an electronic apparatus and a method for controlling a display that displays content.

[0004] 2. Background of the Related Art

[0005] Various services and additional functions provided by electronic apparatuses have been expanded. In order to increase the value of electronic apparatuses and meet the needs of users, various applications executable by the electronic apparatuses have been developed.

[0006] Accordingly, applications and programs capable of reproducing or displaying various pieces of content may be stored in an electronic apparatus, that is mobile and includes a screen having a touch function, such as a smart phone, a mobile phone, a laptop personal computer (PC), and a tablet PC. While viewing content desired by a user on the electronic apparatus, the user can not only feel various emotions, but can also transmit content to the other party through the electronic apparatus.

[0007] Conventionally, when a user desires to share the feeling of content with another person, the content and text expressing the user's feeling are separately transmitted.

[0008] Specifically, when an emotion for content is transmitted, the content is transmitted and then, text or an icon expressing the emotion is transmitted, or the text or icon expressing the emotion is transmitted and then, the content is transmitted. The content and the text or icon expressing the emotion are separately transmitted as described above, causing inconvenience to the user in that the user needs to retransmit information on the emotion as text or an icon whenever the user feels the emotion for the relevant content.

[0009] Accordingly, there is a need in which an effect according to an emotion of the user, who is viewing content, is applied to the content and the effect, according to the emotion of the user, which is applied to the content, is transmitted, and thereby, another user who receives the content can understand the emotion of the user who has transmitted the content.

SUMMARY

[0010] Therefore, aspects of the present disclosure provide an electronic apparatus and a method for controlling a display that displays content.

[0011] In accordance with an aspect of the present disclosure, a method for controlling a display by an electronic apparatus is provided. The method includes displaying content, detecting an input corresponding to the displayed content, determining an emotional level based on the detected input, and applying an emotional effect corresponding to the determined emotional level to the displayed content, and displaying the emotional effect, which is applied to the displayed content, on the displayed content.

[0012] In accordance with another aspect of the present disclosure, an electronic apparatus for controlling a display is provided. The electronic apparatus includes a display that displays content, and a control unit that detects an input corresponding to the displayed content, determines an emotional level based on the detected input, and applies an emotional effect corresponding to the determined emotional level to the displayed content, wherein the display displays the applied content.

[0013] According to an aspect of the present disclosure, in a state where a user is viewing content, an emotion of the user may be applied to the content and the emotion of the user which is applied to the content may be transmitted to another user, and thereby, another user can understand the emotion of the user, who has transmitted the content, through the received content.

[0014] According to an aspect of the present disclosure, an emotion of the user may be expressed as a level through a change in recognition of the user's face, the number of times of an input, and the like, and an emotional effect according to the emotion of the user which is expressed as the level may be applied to the content, and thereby, a content emotion effect may be visually distinguished from each other. Further, an emotional effect and content may be combined, and content to which an emotional effect is applied may be stored and thereby, the emotional effect applied to the content may be subsequently confirmed.

BRIEF DESCRIPTION OF THE DRAWINGS

[0015] The above and other aspects, features, and advantages of the present disclosure will be more apparent from the following detailed description taken in conjunction with the accompanying drawings, in which:

[0016] FIG. **1** illustrates an electronic apparatus in a network environment according to various embodiments of the present disclosure;

[0017] FIG. **2** is a block diagram illustrating a configuration of an electronic apparatus according to various embodiments of the present disclosure;

[0018] FIG. **3** is a block diagram illustrating a configuration of a program module according to various embodiments of the present disclosure;

[0019] FIG. **4** is a block diagram illustrating a configuration of an electronic apparatus displaying an emotional effect on displayed content according to various embodiments of the present disclosure;

[0020] FIG. **5** is a flowchart illustrating a process for displaying an emotional effect on displayed content according to various embodiments of the present disclosure;

[0021] FIG. **6** is a flowchart illustrating a process for displaying an emotional effect corresponding to a recognized face on displayed content according to various embodiments of the present disclosure;

[0022] FIG. **7**A is a view illustrating an example of displaying content according to various embodiments of the present disclosure;

[0023] FIG. **7**B is a view illustrating an example of displaying an emotional effect together with content in response to the recognition of a user's face in a state of displaying the content according to various embodiments of the present disclosure;

[0024] FIG. **7**C is a view illustrating an example of displaying an emotional level of a user in response to the